

Bridgeton Sanitary Landfill
AreaRAE Monitoring Data
Hourly Summary Report

Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-13 12:00	1	0.22	0.90					0.00	0.00	20.58	20.70			0.00	0.00
2016-10-13 12:00	2	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 12:00	5			4.07	7.00			0.00	0.00	20.57	20.70	0.00	0.00	0.00	0.00
2016-10-13 12:00	8			1.08	3.00			0.00	0.00	20.77	20.90	0.00	0.00	0.02	0.90
2016-10-13 12:00	10			2.08	3.00			0.00	0.00	20.89	20.90			0.00	0.00
2016-10-13 12:00	12	0.00	0.00	3.25	4.00			0.00	0.00	20.86	20.90			0.57	1.20
2016-10-13 12:00	13			1.85	2.00			0.00	0.00	20.58	20.70	0.00	0.00	1.13	2.00
2016-10-13 13:00	1	0.29	1.30			0.00	0.00	0.00	0.00	20.82	20.90			0.05	0.30
2016-10-13 13:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 13:00	5			4.02	6.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-10-13 13:00	8			1.82	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-13 13:00	10			2.76	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 13:00	12	0.00	0.00	4.10	6.00			0.00	0.00	20.90	20.90			0.13	0.90
2016-10-13 13:00	13			1.95	3.00			0.00	0.00	20.62	20.90	0.00	0.00	0.79	1.00
2016-10-13 14:00	1	0.27	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30
2016-10-13 14:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 14:00	5			3.98	5.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-10-13 14:00	8			1.95	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-10-13 14:00	10			2.97	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 14:00	12	0.00	0.00	5.07	7.00			0.00	0.00	20.90	20.90			0.03	0.30
2016-10-13 14:00	13			1.88	3.00			0.00	0.00	20.64	20.70	0.00	0.00	0.84	1.00
2016-10-13 15:00	1	0.38	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30
2016-10-13 15:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 15:00	5			3.97	5.00			0.00	0.00	20.63	20.70	0.00	0.00	0.00	0.00
2016-10-13 15:00	8			1.85	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-13 15:00	10			2.85	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 15:00	12	0.00	0.00	4.23	7.00			0.00	0.00	20.90	20.90			0.35	0.90
2016-10-13 15:00	13			1.80	2.00			0.00	0.00	20.69	20.70	0.00	0.00	0.94	1.00
2016-10-13 16:00	1	0.35	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-10-13 16:00	2	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 16:00	5			4.03	6.00			0.00	0.00	20.63	20.70	0.00	0.00	0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-13 16:00	8			1.78	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-10-13 16:00	10			2.58	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 16:00	12	0.00	0.00	4.03	5.00			0.00	0.00	20.90	20.90			0.42	0.90
2016-10-13 16:00	13			1.98	4.00			0.00	0.00	20.65	20.70	0.00	0.00	0.94	1.00
2016-10-13 17:00	1	0.38	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-10-13 17:00	2	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 17:00	5			4.05	7.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2016-10-13 17:00	8			1.80	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-13 17:00	10			2.23	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 17:00	12	0.00	0.00	4.05	6.00			0.00	0.00	20.90	20.90			0.36	0.90
2016-10-13 17:00	13			1.87	3.00			0.00	0.00	20.67	20.70	0.00	0.00	0.99	1.60
2016-10-13 18:00	1	0.30	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2016-10-13 18:00	2	0.06	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.30
2016-10-13 18:00	5			4.03	7.00			0.00	0.00	20.63	20.70	0.00	0.00	0.00	0.00
2016-10-13 18:00	8			1.87	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-13 18:00	10			2.35	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 18:00	12	0.00	0.00	3.27	4.00			0.00	0.00	20.90	20.90			0.92	1.90
2016-10-13 18:00	13			1.78	3.00			0.00	0.00	20.62	20.70	0.00	0.00	1.25	2.00
2016-10-13 19:00	1	0.34	0.90			0.00	0.00	0.00	0.00	20.67	20.90			0.09	0.30
2016-10-13 19:00	2	0.13	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.27	0.50
2016-10-13 19:00	5			3.92	5.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2016-10-13 19:00	8			1.27	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-13 19:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-13 19:00	12	0.00	0.00	2.60	3.00			0.00	0.00	20.90	20.90			1.45	2.20
2016-10-13 19:00	13			1.92	2.00			0.00	0.00	20.54	20.60	0.00	0.00	1.50	2.00
2016-10-13 20:00	1	0.30	1.00			0.00	0.00	0.00	0.00	20.59	20.70			0.01	0.10
2016-10-13 20:00	2	0.11	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.36	0.50
2016-10-13 20:00	5			4.07	5.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-10-13 20:00	8			1.17	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-13 20:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.73	20.90			0.00	0.00
2016-10-13 20:00	12	0.00	0.00	2.08	3.00			0.00	0.00	20.79	20.90			1.94	2.20

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2016-10-13 20:00	13			1.88	2.00			0.00	0.00	20.51	20.60	0.00	0.00	1.72	2.30
2016-10-13 21:00	1	0.32	0.90			0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.10
2016-10-13 21:00	2	0.25	1.00			0.00	0.10	0.00	0.00	20.90	20.90			0.45	0.80
2016-10-13 21:00	5			4.02	5.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-10-13 21:00	8			1.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-13 21:00	10			2.05	4.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.10
2016-10-13 21:00	12	0.00	0.00	1.98	3.00			0.00	0.00	20.51	20.60			2.07	2.50
2016-10-13 21:00	13			1.95	3.00			0.00	0.00	20.49	20.50	0.00	0.00	1.92	3.10
2016-10-13 22:00	1	0.33	0.90			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.10
2016-10-13 22:00	2	0.30	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.51	1.00
2016-10-13 22:00	5			4.02	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2016-10-13 22:00	8			1.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-13 22:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.56	20.60			0.00	0.00
2016-10-13 22:00	12	0.00	0.00	2.10	4.00			0.00	0.00	20.52	20.60			2.14	2.90
2016-10-13 22:00	13			1.98	3.00			0.00	0.00	20.40	20.50	0.00	0.00	1.91	2.70
2016-10-13 23:00	1	0.52	1.30			0.00	0.00	0.00	0.00	20.55	20.90			0.00	0.00
2016-10-13 23:00	2	0.39	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.54	1.40
2016-10-13 23:00	5			4.00	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2016-10-13 23:00	8			1.03	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-13 23:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2016-10-13 23:00	12	0.00	0.00	2.05	4.00			0.00	0.00	20.51	20.60			2.11	2.90
2016-10-13 23:00	13			2.00	2.00			0.00	0.00	20.40	20.40	0.00	0.00	1.98	2.30
2016-10-14 00:00	1	0.49	1.00			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-10-14 00:00	2	0.27	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.46	1.00
2016-10-14 00:00	5			3.97	4.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2016-10-14 00:00	8			1.03	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 00:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.55	20.60			0.00	0.00
2016-10-14 00:00	12	0.00	0.00	2.05	3.00			0.00	0.00	20.50	20.50			1.84	2.20
2016-10-14 00:00	13			2.02	3.00			0.00	0.00	20.39	20.40	0.00	0.00	1.96	2.70
2016-10-14 01:00	1	0.36	1.00			0.00	0.00	0.00	0.00	20.50	20.50			0.01	0.10
2016-10-14 01:00	2	0.22	0.70			0.00	0.10	0.00	0.00	20.90	20.90			0.48	1.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-14 01:00	5			4.00	6.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2016-10-14 01:00	8			1.08	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 01:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.56	20.70			0.00	0.10
2016-10-14 01:00	12	0.00	0.00	2.12	3.00			0.00	0.00	20.50	20.50			1.94	2.50
2016-10-14 01:00	13			2.03	4.00			0.00	0.00	20.40	20.40	0.00	0.00	1.90	3.10
2016-10-14 02:00	1	0.37	1.00			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.10
2016-10-14 02:00	2	0.14	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.43	0.70
2016-10-14 02:00	5			4.05	5.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2016-10-14 02:00	8			1.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 02:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-10-14 02:00	12	0.00	0.00	2.07	3.00			0.00	0.00	20.50	20.50			2.09	2.50
2016-10-14 02:00	13			1.93	3.00			0.00	0.00	20.47	20.50	0.00	0.00	1.87	2.30
2016-10-14 03:00	1	0.30	0.90			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-10-14 03:00	2	0.12	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.41	0.70
2016-10-14 03:00	5			3.98	4.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-10-14 03:00	8			1.02	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 03:00	10			2.02	4.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-10-14 03:00	12	0.00	0.00	2.25	4.00			0.00	0.00	20.50	20.60			1.93	2.50
2016-10-14 03:00	13			2.00	2.00			0.00	0.00	20.50	20.50	0.00	0.00	1.83	2.00
2016-10-14 04:00	1	0.27	0.90			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2016-10-14 04:00	2	0.11	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.44	0.70
2016-10-14 04:00	5			3.97	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2016-10-14 04:00	8			1.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 04:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-10-14 04:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.51	20.60			1.94	2.50
2016-10-14 04:00	13			2.00	3.00			0.00	0.00	20.49	20.50	0.00	0.00	1.81	2.00
2016-10-14 05:00	1	0.25	0.70			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2016-10-14 05:00	2	0.12	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.42	0.70
2016-10-14 05:00	5			4.03	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2016-10-14 05:00	8			0.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 05:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00

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2016-10-14 05:00	12	0.00	0.00	2.05	3.00			0.00	0.00	20.51	20.60			1.97	2.50
2016-10-14 05:00	13			1.88	2.00			0.00	0.00	20.49	20.50	0.00	0.00	1.81	2.00
2016-10-14 06:00	1	0.31	1.00			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-10-14 06:00	2	0.11	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.40	0.70
2016-10-14 06:00	5			3.98	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2016-10-14 06:00	8			0.93	2.00			0.00	0.00	20.75	20.90	0.00	0.00	0.00	0.00
2016-10-14 06:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-10-14 06:00	12	0.00	0.00	2.12	3.00			0.00	0.00	20.51	20.60			1.93	2.20
2016-10-14 06:00	13			1.97	3.00			0.00	0.00	20.49	20.50	0.00	0.00	1.80	2.00
2016-10-14 07:00	1	0.34	1.00			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2016-10-14 07:00	2	0.15	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.39	0.70
2016-10-14 07:00	5			4.15	7.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-10-14 07:00	8			0.98	2.00			0.00	0.00	20.63	20.70	0.00	0.00	0.00	0.00
2016-10-14 07:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2016-10-14 07:00	12	0.00	0.00	2.10	4.00			0.00	0.00	20.50	20.50			1.92	2.20
2016-10-14 07:00	13			1.98	3.00			0.00	0.00	20.49	20.50	0.00	0.00	1.74	2.00
2016-10-14 08:00	1	0.42	1.00			0.00	0.00	0.00	0.00	20.53	20.60			0.04	0.20
2016-10-14 08:00	2	0.21	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.35	0.70
2016-10-14 08:00	5			4.00	5.00			0.00	0.00	20.55	20.70	0.00	0.00	0.00	0.00
2016-10-14 08:00	8			1.15	3.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-10-14 08:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.56	20.70			0.00	0.00
2016-10-14 08:00	12	0.00	0.00	2.32	7.00			0.00	0.00	20.52	20.60			1.62	2.20
2016-10-14 08:00	13			2.00	2.00			0.00	0.00	20.46	20.50	0.00	0.00	1.68	2.00
2016-10-14 09:00	1	0.44	1.20			0.00	0.00	0.00	0.00	20.52	20.60			0.13	0.40
2016-10-14 09:00	2	0.13	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.28	0.40
2016-10-14 09:00	5			4.03	5.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-10-14 09:00	8			1.05	2.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.00
2016-10-14 09:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2016-10-14 09:00	12	0.00	0.00	2.85	4.00			0.00	0.00	20.57	20.60			1.41	1.90
2016-10-14 09:00	13			1.98	2.00			0.00	0.00	20.48	20.60	0.00	0.00	1.57	2.00
2016-10-14 10:00	1	0.47	1.10			0.00	0.00	0.00	0.00	20.55	20.70			0.01	0.10

Bridgeton Sanitary Landfill
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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-14 10:00	2	0.16	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.30
2016-10-14 10:00	5			4.05	7.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2016-10-14 10:00	8			1.22	4.00			0.00	0.00	20.65	20.90	0.00	0.00	0.00	0.00
2016-10-14 10:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.62	20.90			0.00	0.00
2016-10-14 10:00	12	0.00	0.00	2.98	3.00			0.00	0.00	20.58	20.60			1.15	1.90
2016-10-14 10:00	13			1.88	3.00			0.00	0.00	20.49	20.60	0.00	0.00	1.27	2.00
2016-10-14 11:00	1	0.49	1.10			0.00	0.00	0.00	0.00	20.61	20.70			0.03	0.10
2016-10-14 11:00	2	0.05	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2016-10-14 11:00	5			4.15	6.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-10-14 11:00	8			1.48	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 11:00	10			2.23	4.00	0.00	0.00	0.00	0.00	20.67	20.90			0.00	0.00
2016-10-14 11:00	12	0.00	0.00	3.32	5.00			0.00	0.00	20.61	20.70			0.76	1.50
2016-10-14 11:00	13			1.98	3.00			0.00	0.00	20.55	20.60	0.00	0.00	1.09	1.60
2016-10-14 12:00	1	0.59	1.00			0.00	0.00	0.00	0.00	20.61	20.70			0.07	0.50
2016-10-14 12:00	2	0.13	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-10-14 12:00	5			4.17	6.00			0.00	0.00	20.58	20.60	0.00	0.00	0.00	0.00
2016-10-14 12:00	8			1.70	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 12:00	10			2.42	3.00	0.00	0.00	0.00	0.00	20.73	20.90			0.00	0.00
2016-10-14 12:00	12	0.03	1.90	3.85	4.00			0.00	0.00	20.65	20.90			0.29	0.90
2016-10-14 12:00	13			2.02	3.00			0.00	0.00	20.59	20.60	0.00	0.00	0.93	1.30
2016-10-14 13:00	1	0.62	1.20			0.00	0.00	0.00	0.00	20.75	20.90			0.12	0.40
2016-10-14 13:00	2	0.07	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 13:00	5			4.07	6.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.00
2016-10-14 13:00	8			2.02	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-10-14 13:00	10			3.22	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 13:00	12	0.00	0.00	4.70	8.00			0.00	0.00	20.87	20.90			0.03	0.30
2016-10-14 13:00	13			2.00	2.00			0.00	0.00	20.57	20.60	0.00	0.00	0.55	1.30
2016-10-14 14:00	1	0.55	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.12	0.40
2016-10-14 14:00	2	0.03	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 14:00	5			4.05	7.00			0.00	0.00	20.70	20.70	0.00	0.00	0.00	0.00
2016-10-14 14:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-14 14:00	10			3.92	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 14:00	12	0.00	0.00	7.42	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 14:00	13			1.97	3.00			0.00	0.00	20.65	20.70	0.00	0.00	0.37	1.00
2016-10-14 15:00	1	0.52	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.30
2016-10-14 15:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 15:00	5			4.05	6.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2016-10-14 15:00	8			2.07	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 15:00	10			4.07	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 15:00	12	0.06	3.40	8.02	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 15:00	13			1.98	2.00			0.00	0.00	20.62	20.70	0.00	0.00	0.31	1.00
2016-10-14 16:00	1	0.46	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.20
2016-10-14 16:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 16:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-10-14 16:00	8			2.08	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 16:00	10			4.03	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 16:00	12	0.00	0.00	6.35	8.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-10-14 16:00	13			1.98	2.00			0.00	0.00	20.66	20.70	0.00	0.00	0.52	1.00
2016-10-14 17:00	1	0.55	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.30
2016-10-14 17:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 17:00	5			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-10-14 17:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 17:00	10			3.43	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 17:00	12	0.00	0.00	4.38	6.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-10-14 17:00	13			2.05	4.00			0.00	0.00	20.65	20.70	0.00	0.00	0.57	1.00
2016-10-14 18:00	1	0.47	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.30
2016-10-14 18:00	2	0.06	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 18:00	5			4.07	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 18:00	8			2.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 18:00	10			3.17	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 18:00	12	0.00	0.00	4.25	6.00			0.00	0.00	20.90	20.90			0.10	0.60
2016-10-14 18:00	13			2.02	3.00			0.00	0.00	20.81	20.90	0.00	0.00	0.75	1.00

Bridgeton Sanitary Landfill
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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-14 19:00	1	0.44	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30
2016-10-14 19:00	2	0.06	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-10-14 19:00	5			4.10	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 19:00	8			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 19:00	10			2.82	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 19:00	12	0.00	0.00	3.70	5.00			0.00	0.00	20.90	20.90			0.70	1.20
2016-10-14 19:00	13			2.03	4.00			0.00	0.00	20.70	20.90	0.00	0.00	1.00	1.60
2016-10-14 20:00	1	0.40	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-10-14 20:00	2	0.07	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.30
2016-10-14 20:00	5			4.13	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 20:00	8			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 20:00	10			2.55	3.00	0.00	0.00	0.00	0.00	20.88	20.90			0.00	0.00
2016-10-14 20:00	12	0.00	0.00	3.08	4.00			0.00	0.00	20.90	20.90			0.93	1.90
2016-10-14 20:00	13			1.98	2.00			0.00	0.00	20.60	20.60	0.00	0.00	1.08	1.60
2016-10-14 21:00	1	0.40	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-10-14 21:00	2	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.30
2016-10-14 21:00	5			4.17	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 21:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 21:00	10			2.17	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-14 21:00	12	0.00	0.00	2.97	4.00			0.00	0.00	20.90	20.90			1.04	1.90
2016-10-14 21:00	13			2.02	3.00			0.00	0.00	20.56	20.60	0.00	0.00	1.13	1.60
2016-10-14 22:00	1	0.49	1.10			0.00	0.00	0.00	0.00	20.73	20.90			0.05	0.20
2016-10-14 22:00	2	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.23	0.30
2016-10-14 22:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 22:00	8			1.82	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 22:00	10			2.12	3.00	0.00	0.00	0.00	0.00	20.71	20.90			0.00	0.00
2016-10-14 22:00	12	0.00	0.00	3.02	4.00			0.00	0.00	20.90	20.90			1.12	2.20
2016-10-14 22:00	13			2.00	2.00			0.00	0.00	20.52	20.60	0.00	0.00	1.22	2.00
2016-10-14 23:00	1	0.41	1.50			0.00	0.00	0.00	0.00	20.80	20.90			0.05	0.20
2016-10-14 23:00	2	0.08	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.21	0.30
2016-10-14 23:00	5			4.12	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-14 23:00	8			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-14 23:00	10			2.10	3.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-10-14 23:00	12	0.00	0.00	2.97	4.00			0.00	0.00	20.65	20.90			1.07	2.20
2016-10-14 23:00	13			1.98	2.00			0.00	0.00	20.52	20.60	0.00	0.00	1.25	2.00
2016-10-15 00:00	1	0.41	1.00			0.00	0.00	0.00	0.00	20.89	20.90			0.05	0.20
2016-10-15 00:00	2	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.21	0.30
2016-10-15 00:00	5			4.08	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-10-15 00:00	8			1.82	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 00:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-10-15 00:00	12	0.00	0.00	3.05	4.00			0.00	0.00	20.62	20.70			1.07	2.20
2016-10-15 00:00	13			1.98	2.00			0.00	0.00	20.51	20.60	0.00	0.00	1.17	2.00
2016-10-15 01:00	1	0.39	1.00			0.00	0.00	0.00	0.00	20.88	20.90			0.05	0.30
2016-10-15 01:00	2	0.04	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.18	0.30
2016-10-15 01:00	5			4.13	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-10-15 01:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 01:00	10			2.38	4.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-10-15 01:00	12	0.00	0.00	3.07	4.00			0.00	0.00	20.60	20.70			0.99	1.90
2016-10-15 01:00	13			2.02	3.00			0.00	0.00	20.51	20.60	0.00	0.00	1.09	1.60
2016-10-15 02:00	1	0.38	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.20
2016-10-15 02:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.30
2016-10-15 02:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-10-15 02:00	8			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 02:00	10			2.15	3.00	0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2016-10-15 02:00	12	0.00	0.00	3.00	4.00			0.00	0.00	20.60	20.70			0.86	1.90
2016-10-15 02:00	13			2.00	2.00			0.00	0.00	20.51	20.60	0.00	0.00	1.13	1.60
2016-10-15 03:00	1	0.39	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.20
2016-10-15 03:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.30
2016-10-15 03:00	5			4.22	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 03:00	8			1.90	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 03:00	10			2.07	3.00	0.00	0.00	0.00	0.00	20.64	20.90			0.00	0.00
2016-10-15 03:00	12	0.00	0.00	3.03	4.00			0.00	0.00	20.60	20.60			0.90	1.90

Bridgeton Sanitary Landfill
AreaRAE Monitoring Data
Hourly Summary Report

Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-15 03:00	13			2.02	3.00			0.00	0.00	20.51	20.60	0.00	0.00	1.09	1.60
2016-10-15 04:00	1	0.44	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.20
2016-10-15 04:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.30
2016-10-15 04:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-10-15 04:00	8			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 04:00	10			2.07	4.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-10-15 04:00	12	0.00	0.00	3.03	4.00			0.00	0.00	20.60	20.70			0.86	1.50
2016-10-15 04:00	13			1.97	2.00			0.00	0.00	20.52	20.60	0.00	0.00	1.03	1.60
2016-10-15 05:00	1	0.47	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.20
2016-10-15 05:00	2	0.06	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.30
2016-10-15 05:00	5			4.13	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-10-15 05:00	8			1.85	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 05:00	10			2.07	3.00	0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2016-10-15 05:00	12	0.00	0.00	2.97	5.00			0.00	0.00	20.60	20.60			0.97	1.90
2016-10-15 05:00	13			1.98	2.00			0.00	0.00	20.51	20.60	0.00	0.00	1.07	1.60
2016-10-15 06:00	1	0.40	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.40
2016-10-15 06:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.30
2016-10-15 06:00	5			4.23	6.00			0.00	0.00	20.80	20.90	0.00	0.00	0.00	0.00
2016-10-15 06:00	8			1.87	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-10-15 06:00	10			2.33	4.00	0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2016-10-15 06:00	12	0.00	0.00	3.05	4.00			0.00	0.00	20.60	20.70			0.99	1.50
2016-10-15 06:00	13			2.00	2.00			0.00	0.00	20.52	20.60	0.00	0.00	1.05	1.30
2016-10-15 07:00	1	0.35	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.20
2016-10-15 07:00	2	0.04	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.30
2016-10-15 07:00	5			4.12	6.00			0.00	0.00	20.67	20.70	0.00	0.00	0.00	0.00
2016-10-15 07:00	8			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 07:00	10			2.57	3.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-10-15 07:00	12	0.00	0.00	3.00	5.00			0.00	0.00	20.60	20.60			0.98	1.50
2016-10-15 07:00	13			1.98	2.00			0.00	0.00	20.53	20.60	0.00	0.00	1.09	1.60
2016-10-15 08:00	1	0.40	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.30
2016-10-15 08:00	2	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.20

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-15 08:00	5			4.05	6.00			0.00	0.00	20.68	20.70	0.00	0.00	0.01	0.60
2016-10-15 08:00	8			1.92	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 08:00	10			2.75	3.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-10-15 08:00	12	0.00	0.00	3.07	4.00			0.00	0.00	20.60	20.70			0.82	1.20
2016-10-15 08:00	13			2.02	3.00			0.00	0.00	20.54	20.60	0.00	0.00	0.97	1.30
2016-10-15 09:00	1	0.54	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.30
2016-10-15 09:00	2	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2016-10-15 09:00	5			4.17	6.00			0.00	0.00	20.70	20.70	0.00	0.00	0.02	0.60
2016-10-15 09:00	8			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 09:00	10			2.80	3.00	0.00	0.00	0.00	0.00	20.57	20.70			0.00	0.00
2016-10-15 09:00	12	0.00	0.00	3.53	6.00			0.00	0.00	20.63	20.70			0.67	0.90
2016-10-15 09:00	13			1.93	2.00			0.00	0.00	20.58	20.60	0.00	0.00	0.93	1.30
2016-10-15 10:00	1	0.78	1.40			0.00	0.00	0.00	0.00	20.85	20.90			0.10	0.70
2016-10-15 10:00	2	0.05	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 10:00	5			4.15	6.00			0.00	0.00	20.66	20.70	0.00	0.00	0.03	0.60
2016-10-15 10:00	8			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 10:00	10			2.93	4.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-10-15 10:00	12	0.00	0.00	3.98	5.00			0.00	0.00	20.62	20.90			0.35	0.90
2016-10-15 10:00	13			2.05	4.00			0.00	0.00	20.55	20.60	0.00	0.00	0.57	1.00
2016-10-15 11:00	1	0.96	1.50					0.00	0.00	20.71	20.90			0.18	0.40
2016-10-15 11:00	2	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 11:00	5			4.10	5.00			0.00	0.00	20.76	20.90	0.00	0.00	0.31	1.90
2016-10-15 11:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 11:00	10			3.23	4.00	0.00	0.00	0.00	0.00	20.63	20.90			0.00	0.00
2016-10-15 11:00	12	0.00	0.00	4.25	6.00			0.00	0.00	20.72	20.90			0.02	0.30
2016-10-15 11:00	13			2.08	3.00			0.00	0.00	20.60	20.70	0.00	0.00	0.06	0.60
2016-10-15 12:00	1	0.79	1.30					0.00	0.00	20.90	20.90			0.20	0.50
2016-10-15 12:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 12:00	5			4.00	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.90	1.90
2016-10-15 12:00	8			2.43	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 12:00	10			3.65	5.00	0.00	0.00	0.00	0.00	20.88	20.90			0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-15 12:00	12	0.00	0.00	7.05	10.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 12:00	13			2.07	3.00			0.00	0.00	20.77	20.90	0.00	0.00	0.09	0.60
2016-10-15 13:00	1	0.59	1.30			0.00	0.10	0.00	0.00	20.90	20.90			0.17	0.30
2016-10-15 13:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 13:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.82	1.90
2016-10-15 13:00	8			2.77	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 13:00	10			4.33	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 13:00	12	0.00	0.00	10.60	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 13:00	13			2.00	2.00			0.00	0.00	20.71	20.90	0.00	0.00	0.18	1.00
2016-10-15 14:00	1	0.20	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.40
2016-10-15 14:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 14:00	5			4.10	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.51	1.90
2016-10-15 14:00	8			2.92	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.01	0.10
2016-10-15 14:00	10			4.62	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 14:00	12	0.00	0.00	12.57	16.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-10-15 14:00	13			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	1.00
2016-10-15 15:00	1	0.09	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.40
2016-10-15 15:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 15:00	5			4.02	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.71	1.90
2016-10-15 15:00	8			2.38	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 15:00	10			4.13	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 15:00	12	0.00	0.00	9.78	13.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 15:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.60
2016-10-15 16:00	1	0.07	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.25	0.60
2016-10-15 16:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 16:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.74	1.90
2016-10-15 16:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-10-15 16:00	10			4.40	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 16:00	12	0.00	0.00	11.83	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 16:00	13			2.08	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.17	1.30
2016-10-15 17:00	1	0.10	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.50

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-15 17:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 17:00	5			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.83	2.50
2016-10-15 17:00	8			2.20	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 17:00	10			4.07	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 17:00	12	0.00	0.00	9.93	13.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-10-15 17:00	13			2.20	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.60
2016-10-15 18:00	1	0.10	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.40
2016-10-15 18:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 18:00	5			4.10	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.36	1.90
2016-10-15 18:00	8			2.18	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 18:00	10			4.00	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 18:00	12	0.00	0.00	6.83	9.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-10-15 18:00	13			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.60
2016-10-15 19:00	1	0.09	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.60
2016-10-15 19:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 19:00	5			4.28	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.36	1.20
2016-10-15 19:00	8			1.97	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 19:00	10			3.22	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 19:00	12	0.00	0.00	4.35	6.00			0.00	0.00	20.90	20.90			0.05	0.60
2016-10-15 19:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.32	1.00
2016-10-15 20:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.30
2016-10-15 20:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 20:00	5			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.27	1.20
2016-10-15 20:00	8			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 20:00	10			3.07	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 20:00	12	0.00	0.00	4.20	6.00			0.00	0.00	20.90	20.90			0.13	0.90
2016-10-15 20:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.47	1.00
2016-10-15 21:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.20
2016-10-15 21:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 21:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	1.20
2016-10-15 21:00	8			1.88	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-15 21:00	10			2.98	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-15 21:00	12	0.00	0.00	4.20	6.00			0.00	0.00	20.90	20.90			0.36	0.90
2016-10-15 21:00	13			2.02	3.00			0.00	0.00	20.82	20.90	0.00	0.00	0.57	1.00
2016-10-15 22:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.30
2016-10-15 22:00	2	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-10-15 22:00	5			4.12	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.20	1.90
2016-10-15 22:00	8			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 22:00	10			3.02	4.00	0.00	0.00	0.00	0.00	20.86	20.90			0.00	0.00
2016-10-15 22:00	12	0.00	0.00	4.12	6.00			0.00	0.00	20.90	20.90			0.35	0.90
2016-10-15 22:00	13			2.00	2.00			0.00	0.00	20.65	20.70	0.00	0.00	0.47	1.00
2016-10-15 23:00	1	0.08	0.40			0.00	0.00	0.00	0.00	20.86	20.90			0.07	0.30
2016-10-15 23:00	2	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-10-15 23:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.24	1.20
2016-10-15 23:00	8			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-15 23:00	10			3.03	4.00	0.00	0.00	0.00	0.00	20.65	20.70			0.00	0.00
2016-10-15 23:00	12	0.00	0.00	4.00	5.00			0.00	0.00	20.90	20.90			0.42	0.90
2016-10-15 23:00	13			2.00	3.00			0.00	0.00	20.63	20.70	0.00	0.00	0.60	1.00
2016-10-16 00:00	1	0.06	0.40			0.00	0.00	0.00	0.00	20.63	20.70			0.09	0.30
2016-10-16 00:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 00:00	5			4.07	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.38	1.90
2016-10-16 00:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 00:00	10			2.65	3.00	0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.00
2016-10-16 00:00	12	0.00	0.00	4.00	5.00			0.00	0.00	20.90	20.90			0.46	0.90
2016-10-16 00:00	13			2.00	2.00			0.00	0.00	20.60	20.60	0.00	0.00	0.60	1.30
2016-10-16 01:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.60	20.70			0.08	0.30
2016-10-16 01:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 01:00	5			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.23	1.20
2016-10-16 01:00	8			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 01:00	10			2.93	4.00	0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.00
2016-10-16 01:00	12	0.00	0.00	4.10	7.00			0.00	0.00	20.90	20.90			0.38	1.20
2016-10-16 01:00	13			1.97	2.00			0.00	0.00	20.60	20.70	0.00	0.00	0.51	1.00

Bridgeton Sanitary Landfill
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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-16 02:00	1	0.08	0.40			0.00	0.00	0.00	0.00	20.60	20.60			0.09	0.30
2016-10-16 02:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 02:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.38	1.90
2016-10-16 02:00	8			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 02:00	10			3.00	3.00	0.00	0.00	0.00	0.00	20.70	20.70			0.00	0.00
2016-10-16 02:00	12	0.00	0.00	3.98	5.00			0.00	0.00	20.88	20.90			0.34	0.90
2016-10-16 02:00	13			2.00	2.00			0.00	0.00	20.73	20.90	0.00	0.00	0.50	1.00
2016-10-16 03:00	1	0.07	0.60			0.00	0.00	0.00	0.00	20.62	20.70			0.09	0.30
2016-10-16 03:00	2	0.02	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 03:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.28	1.20
2016-10-16 03:00	8			2.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 03:00	10			2.95	3.00	0.00	0.00	0.00	0.00	20.65	20.70			0.00	0.00
2016-10-16 03:00	12	0.00	0.00	4.00	5.00			0.00	0.00	20.64	20.70			0.17	0.60
2016-10-16 03:00	13			2.00	2.00			0.00	0.00	20.80	20.90	0.00	0.00	0.49	1.00
2016-10-16 04:00	1	0.07	0.70			0.00	0.00	0.00	0.00	20.63	20.70			0.10	0.40
2016-10-16 04:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 04:00	5			4.10	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	1.20
2016-10-16 04:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 04:00	10			2.95	4.00	0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.00
2016-10-16 04:00	12	0.00	0.00	3.97	5.00			0.00	0.00	20.83	20.90			0.35	0.90
2016-10-16 04:00	13			2.03	3.00			0.00	0.00	20.61	20.70	0.00	0.00	0.48	1.00
2016-10-16 05:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.62	20.70			0.11	0.30
2016-10-16 05:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-10-16 05:00	5			4.10	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.60
2016-10-16 05:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 05:00	10			2.92	4.00	0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.00
2016-10-16 05:00	12	0.00	0.00	3.97	4.00			0.00	0.00	20.90	20.90			0.21	1.20
2016-10-16 05:00	13			1.93	2.00			0.00	0.00	20.63	20.70	0.00	0.00	0.54	1.00
2016-10-16 06:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.62	20.70			0.06	0.30
2016-10-16 06:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 06:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60

Bridgeton Sanitary Landfill
AreaRAE Monitoring Data
Hourly Summary Report

Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-16 06:00	8			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 06:00	10			2.90	3.00	0.00	0.00	0.00	0.00	20.65	20.70			0.00	0.00
2016-10-16 06:00	12	0.00	0.00	3.88	5.00			0.00	0.00	20.77	20.90			0.24	1.20
2016-10-16 06:00	13			2.03	3.00			0.00	0.00	20.64	20.70	0.00	0.00	0.46	1.00
2016-10-16 07:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.62	20.70			0.09	0.40
2016-10-16 07:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-10-16 07:00	5			4.12	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	1.20
2016-10-16 07:00	8			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 07:00	10			2.88	3.00	0.00	0.00	0.00	0.00	20.66	20.70			0.00	0.00
2016-10-16 07:00	13			2.02	3.00			0.00	0.00	20.63	20.70	0.00	0.00	0.45	1.00
2016-10-16 08:00	1	0.08	0.70			0.00	0.00	0.00	0.00	20.62	20.70			0.08	0.30
2016-10-16 08:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 08:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.18	0.60
2016-10-16 08:00	8			1.97	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 08:00	10			2.95	4.00	0.00	0.00	0.00	0.00	20.79	20.90			0.00	0.00
2016-10-16 08:00	13			2.00	2.00			0.00	0.00	20.62	20.70	0.00	0.00	0.25	1.00
2016-10-16 09:00	1	0.10	0.50			0.00	0.00	0.00	0.00	20.61	20.70			0.11	0.40
2016-10-16 09:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-10-16 09:00	5			4.15	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.30	1.20
2016-10-16 09:00	8			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 09:00	10			3.22	4.00	0.00	0.00	0.00	0.00	20.82	20.90			0.00	0.00
2016-10-16 09:00	12	0.03	0.10	5.00	5.00			0.00	0.00	20.90	20.90			0.98	1.20
2016-10-16 09:00	13			1.98	2.00			0.00	0.00	20.81	20.90	0.00	0.00	0.12	0.30
2016-10-16 10:00	1	0.30	0.90			0.00	0.00	0.00	0.00	20.57	20.70			0.12	0.60
2016-10-16 10:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 10:00	5			4.12	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.53	1.90
2016-10-16 10:00	8			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 10:00	10			3.47	5.00	0.00	0.00	0.00	0.00	20.78	20.90			0.00	0.00
2016-10-16 10:00	12	0.03	0.40	5.56	7.00			0.00	0.00	20.90	20.90			0.67	1.20
2016-10-16 10:00	13			2.08	3.00			0.00	0.00	20.77	20.90	0.00	0.00	0.17	1.00
2016-10-16 11:00	1	0.26	0.60					0.00	0.00	20.66	20.90			0.19	0.40

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-16 11:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 11:00	5			4.08	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.87	1.90
2016-10-16 11:00	8			2.08	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-10-16 11:00	10			3.87	5.00	0.00	0.00	0.00	0.00	20.87	20.90			0.00	0.00
2016-10-16 11:00	12	0.02	0.20	7.47	9.00			0.00	0.00	20.90	20.90			0.07	0.60
2016-10-16 11:00	13			2.87	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.30
2016-10-16 12:00	1	0.20	0.70			0.00	0.00	0.00	0.00	20.78	20.90			0.22	0.40
2016-10-16 12:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 12:00	5			3.88	4.00			0.00	0.00	20.90	20.90	0.00	0.00	1.46	2.50
2016-10-16 12:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-10-16 12:00	10			4.05	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 12:00	12	0.08	0.50	10.67	14.00			0.00	0.00	20.90	20.90			0.03	0.30
2016-10-16 12:00	13			3.42	6.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2016-10-16 13:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.22	0.50
2016-10-16 13:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 13:00	5			4.02	5.00			0.00	0.00	20.90	20.90	0.00	0.00	1.63	2.50
2016-10-16 13:00	8			3.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-10-16 13:00	10			4.73	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 13:00	12	0.02	0.20	17.27	26.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 13:00	13			3.95	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 14:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.23	0.50
2016-10-16 14:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 14:00	5			3.97	7.00			0.00	0.00	20.90	20.90	0.00	0.00	1.56	2.50
2016-10-16 14:00	8			3.52	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.01	0.10
2016-10-16 14:00	10			5.02	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 14:00	12	0.01	0.20	21.23	26.00			0.00	0.00	20.90	20.90			0.06	0.60
2016-10-16 14:00	13			4.63	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 15:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.20	0.40
2016-10-16 15:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 15:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	1.60	2.50
2016-10-16 15:00	8			3.22	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.02	0.10

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-16 15:00	10			5.30	8.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 15:00	12	0.01	0.20	21.05	27.00			0.00	0.00	20.90	20.90			0.04	0.90
2016-10-16 15:00	13			4.50	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 16:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.40
2016-10-16 16:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 16:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	1.62	2.50
2016-10-16 16:00	8			2.70	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-10-16 16:00	10			5.37	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 16:00	12	0.00	0.00	16.52	24.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 16:00	13			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 17:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.40
2016-10-16 17:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 17:00	5			4.00	7.00			0.00	0.00	20.90	20.90	0.00	0.00	1.41	2.50
2016-10-16 17:00	8			2.42	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.04	0.10
2016-10-16 17:00	10			4.58	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 17:00	12	0.03	0.40	15.37	18.00			0.00	0.00	20.90	20.90			0.05	0.60
2016-10-16 17:00	13			4.12	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.30
2016-10-16 18:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.80
2016-10-16 18:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 18:00	5			4.12	6.00			0.00	0.00	20.90	20.90	0.00	0.00	1.24	2.50
2016-10-16 18:00	8			2.67	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-10-16 18:00	10			5.00	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 18:00	12	0.00	0.10	11.05	20.00			0.00	0.00	20.90	20.90			0.03	0.60
2016-10-16 18:00	13			3.38	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	1.00
2016-10-16 19:00	1	0.00	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.18	0.40
2016-10-16 19:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 19:00	5			4.13	7.00			0.00	0.00	20.90	20.90	0.00	0.00	1.11	1.90
2016-10-16 19:00	8			2.10	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 19:00	10			4.05	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 19:00	12	0.01	0.30	7.48	10.00			0.00	0.00	20.90	20.90			0.22	0.60
2016-10-16 19:00	13			2.90	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.30

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-16 20:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.40
2016-10-16 20:00	2	0.02	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 20:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.89	2.50
2016-10-16 20:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 20:00	10			3.82	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 20:00	12	0.01	0.20	5.83	9.00			0.00	0.00	20.90	20.90			0.57	0.90
2016-10-16 20:00	13			2.43	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.60
2016-10-16 21:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.40
2016-10-16 21:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 21:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.72	2.50
2016-10-16 21:00	8			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 21:00	10			3.92	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 21:00	12	0.00	0.10	5.52	7.00			0.00	0.00	20.90	20.90			0.77	0.90
2016-10-16 21:00	13			2.18	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.30
2016-10-16 22:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.21	0.70
2016-10-16 22:00	2	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 22:00	5			4.02	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.61	1.90
2016-10-16 22:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 22:00	10			3.50	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 22:00	12	0.00	0.10	4.92	7.00			0.00	0.00	20.90	20.90			0.88	1.50
2016-10-16 22:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.60
2016-10-16 23:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.50
2016-10-16 23:00	2	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 23:00	5			4.07	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.70	1.90
2016-10-16 23:00	8			1.92	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-16 23:00	10			2.98	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-16 23:00	12	0.01	0.30	4.35	7.00			0.00	0.00	20.90	20.90			0.90	1.20
2016-10-16 23:00	13			2.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	1.00
2016-10-17 00:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.40
2016-10-17 00:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 00:00	5			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.61	1.90

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-17 00:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 00:00	10			2.97	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 00:00	12	0.00	0.00	4.07	6.00			0.00	0.00	20.90	20.90			0.96	1.90
2016-10-17 00:00	13			2.00	3.00			0.00	0.00	20.60	20.90	0.00	0.00	0.25	0.60
2016-10-17 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.40
2016-10-17 01:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 01:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.50	1.90
2016-10-17 01:00	8			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 01:00	10			2.98	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 01:00	12	0.01	0.30	4.07	6.00			0.00	0.00	20.90	20.90			1.01	1.50
2016-10-17 01:00	13			1.98	2.00			0.00	0.00	20.60	20.60	0.00	0.00	0.23	1.00
2016-10-17 02:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.24	0.90
2016-10-17 02:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 02:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.40	1.90
2016-10-17 02:00	8			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 02:00	10			2.97	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 02:00	12	0.00	0.10	3.98	5.00			0.00	0.00	20.90	20.90			1.03	1.50
2016-10-17 02:00	13			2.02	3.00			0.00	0.00	20.60	20.60	0.00	0.00	0.29	1.00
2016-10-17 03:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.20
2016-10-17 03:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.91	21.30			0.00	0.00
2016-10-17 03:00	5			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.46	1.90
2016-10-17 03:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 03:00	10			3.18	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 03:00	12	0.00	0.10	4.15	6.00			0.00	0.00	20.90	20.90			1.10	1.90
2016-10-17 03:00	13			2.00	2.00			0.00	0.00	20.76	20.90	0.00	0.00	0.39	1.00
2016-10-17 04:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.30
2016-10-17 04:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 04:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	1.20
2016-10-17 04:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 04:00	10			3.05	4.00	0.00	0.00	0.00	0.00	20.85	20.90			0.00	0.00
2016-10-17 04:00	12	0.00	0.10	4.20	6.00			0.00	0.00	20.90	20.90			1.12	1.90

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-17 04:00	13			2.05	4.00			0.00	0.00	20.66	20.70	0.00	0.00	0.38	1.00
2016-10-17 05:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30
2016-10-17 05:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 05:00	5			4.02	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.25	0.60
2016-10-17 05:00	8			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 05:00	10			3.00	4.00	0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.00
2016-10-17 05:00	12	0.00	0.10	4.12	7.00			0.00	0.00	20.90	20.90			1.12	1.90
2016-10-17 05:00	13			2.00	2.00			0.00	0.00	20.57	20.70	0.00	0.00	0.46	1.00
2016-10-17 06:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.30
2016-10-17 06:00	2	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 06:00	5			4.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.26	1.20
2016-10-17 06:00	8			2.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 06:00	10			3.02	4.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-10-17 06:00	12	0.01	0.20	4.08	6.00			0.00	0.00	20.90	20.90			1.29	1.90
2016-10-17 06:00	13			1.98	3.00			0.00	0.00	20.55	20.60	0.00	0.00	0.44	1.00
2016-10-17 07:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.30
2016-10-17 07:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-10-17 07:00	5			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.22	1.20
2016-10-17 07:00	8			2.07	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 07:00	10			2.92	4.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-10-17 07:00	12	0.00	0.20	4.03	7.00			0.00	0.00	20.90	20.90			1.29	1.90
2016-10-17 07:00	13			2.03	4.00			0.00	0.00	20.55	20.60	0.00	0.00	0.52	1.00
2016-10-17 08:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.40
2016-10-17 08:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 08:00	5			4.07	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.47	1.90
2016-10-17 08:00	8			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 08:00	10			3.07	4.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-10-17 08:00	12	0.03	0.40	4.00	5.00			0.00	0.00	20.90	20.90			1.09	1.90
2016-10-17 08:00	13			2.00	2.00			0.00	0.00	20.57	20.60	0.00	0.00	0.25	1.00
2016-10-17 09:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.40
2016-10-17 09:00	2	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-10-17 09:00	5			4.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.65	1.90
2016-10-17 09:00	8			2.02	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 09:00	10			3.17	4.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-10-17 09:00	12	0.04	0.40	5.12	8.00			0.00	0.00	20.90	20.90			0.80	1.20
2016-10-17 09:00	13			2.13	3.00			0.00	0.00	20.62	20.70	0.00	0.00	0.05	0.30
2016-10-17 10:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.85	20.90			0.17	0.90
2016-10-17 10:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 10:00	5			4.10	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.98	2.50
2016-10-17 10:00	8			2.22	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 10:00	10			3.70	5.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-10-17 10:00	12	0.03	0.50	6.05	10.00			0.00	0.00	20.90	20.90			0.36	0.90
2016-10-17 10:00	13			2.28	3.00			0.00	0.00	20.75	20.90	0.00	0.00	0.13	0.60
2016-10-17 11:00	1	0.07	0.40			0.00	0.10	0.00	0.00	20.81	20.90			0.26	0.70
2016-10-17 11:00	2	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 11:00	5			3.93	6.00			0.00	0.00	20.90	20.90	0.00	0.00	1.42	2.50
2016-10-17 11:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-10-17 11:00	10			3.85	5.00	0.00	0.00	0.00	0.00	20.66	20.90			0.00	0.00
2016-10-17 11:00	12	0.05	0.50	8.33	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-10-17 11:00	13			3.12	4.00			0.00	0.00	20.88	20.90	0.00	0.00	0.00	0.00